

## ER-2 #809 08/28/12

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 12-9012

Payload Configuration: eMAS, CPL, RSP, AirMSPI, SSFR

Nav Data Collected: Yes

Total Flight Time: 1.7 hours

Submitted by: Timothy Moes on 08/29/12

### Flight Segments:

From:	PMD	To:	PMD
Start:	08/28/12 18:25 Z	Finish:	08/28/12 20:07 Z
Flight Time:	1.7 hours		
Log Number:	<a href="#">122024</a>	PI:	Jeffrey Myers
Funding Source:	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
Purpose of Flight:	Science		
Comments:	The cyro-cooler for eMAS lost power early in the flight and subsequent attempts to restart were unsuccessful so an early RTB was called. Approx 600 gal of fuel were dumped to get within landing weight. All other science sensors worked well and AirMSPI was able to get 13 minutes of data over Mono Lake and pitch and roll maneuvers were performed for SSFR.		

### Flight Hour Summary:

	122024	132015	142013
Flight Hours Approved in SOFRS	20		
Flight Hours Previously Approved		9.8	3.5
Total Used	10.2	6.3	2.9
Total Remaining			0.6

### 142013 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/24/13</a>	14-6004	Science	2.9	2.9	0.6	

### 132015 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">05/02/13</a>	13-9041	Science	1	1	8.8	
<a href="#">06/21/13</a>	13-9047	Science	2	3	6.8	
<a href="#">07/01/13</a>	13-6038	Science	3.3	6.3	3.5	

Source URL: [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_809\\_08\\_28\\_12#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_809_08_28_12#comment-0)

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*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

### 122024 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">08/22/12</a>	12-9011	Science	2.3	2.3	17.7	
<a href="#">08/28/12</a>	12-9012	Science	1.7	4	16	
<a href="#">08/30/12 - 08/31/12</a>	12-9013	Science	6.2	10.2	9.8	